

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/564,751
Source: JFWP
Date Processed by STIC: 1-30-06

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IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/564,751

DATE: 01/30/2006

TIME: 14:53:45

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3 <110> APPLICANT: DeveloGen AG fur entwicklungsbiologische Forschung
 5 <120> TITLE OF INVENTION: Use of a DG065 secreted protein product for preventing
 6 and treating pancreatic diseases and/or obesity and/or
 7 metabolic syndrome
 9 <130> FILE REFERENCE: 31362PWO_GE
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/564,751
 C--> 12 <141> CURRENT FILING DATE: 2006-01-17
 14 <150> PRIOR APPLICATION NUMBER: 03016171.5
 15 <151> PRIOR FILING DATE: 2003-07-16
 17 <150> PRIOR APPLICATION NUMBER: 03016246.5
 18 <151> PRIOR FILING DATE: 2003-07-17
 20 <150> PRIOR APPLICATION NUMBER: 03016711.8
 21 <151> PRIOR FILING DATE: 2003-07-22
 23 <150> PRIOR APPLICATION NUMBER: 03018326.3
 24 <151> PRIOR FILING DATE: 2003-08-12
 26 <160> NUMBER OF SEQ ID NOS: 20
 28 <170> SOFTWARE: PatentIn Ver. 2.1
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 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
 38 <220> FEATURE:
 39 <221> NAME/KEY: gene
 40 <222> LOCATION: (1)..(2808)
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 46 ttgacagagc agcagaatat caactccagt agacttgaat gtgcctctgg gcaaagaagc 180
 47 agagctaacg aggaaaggaa tttaaagagt ttttcttggg tgtttgcata acttttattc 240
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93 <210> SEQ ID NO: 2

94 <211> LENGTH: 664

95 <212> TYPE: PRT

96 <213> ORGANISM: human

98 <220> FEATURE:

99 <223> OTHER INFORMATION: amino acid sequence of human DG008 protein

101 <400> SEQUENCE: 2

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105 Ile Pro Thr Asn Ala Arg Leu Leu Ser Asp His Ser Lys Pro Thr Ala

106 20 25 30

108 Glu Thr Val Ala Pro Asp Asn Thr Ala Ile Pro Ser Leu Trp Ala Glu

109 35 40 45

111 Ala Glu Glu Asn Glu Lys Glu Thr Ala Val Ser Thr Glu Asp Asp Ser

112 50 55 60

114 His His Lys Ala Glu Lys Ser Ser Val Leu Lys Ser Lys Glu Glu Ser

115 65 70 75 80

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117 His Glu Gln Ser Ala Glu Gln Gly Lys Ser Ser Ser Gln Glu Leu Gly
118 85 90 95
120 Leu Lys Asp Gln Glu Asp Ser Asp Gly His Leu Ser Val Asn Leu Glu
121 100 105 110
123 Tyr Ala Pro Thr Glu Gly Thr Leu Asp Ile Lys Glu Asp Met Ile Glu
124 115 120 125
126 Pro Gln Glu Lys Lys Leu Ser Glu Asn Thr Asp Phe Leu Ala Pro Gly
127 130 135 140
129 Val Ser Ser Phe Thr Asp Ser Asn Gln Gln Glu Ser Ile Thr Lys Arg
130 145 150 155 160
132 Glu Glu Asn Gln Glu Gln Pro Arg Asn Tyr Ser His His Gln Leu Asn
133 165 170 175
135 Arg Ser Ser Lys His Ser Gln Gly Leu Arg Asp Gln Gly Asn Gln Glu
136 180 185 190
138 Gln Asp Pro Asn Ile Ser Asn Gly Glu Glu Glu Glu Lys Glu Pro
139 195 200 205
141 Gly Glu Val Gly Thr His Asn Asp Asn Gln Glu Arg Lys Thr Glu Leu
142 210 215 220
144 Pro Arg Glu His Ala Asn Ser Lys Gln Glu Glu Asp Asn Thr Gln Ser
145 225 230 235 240
147 Asp Asp Ile Leu Glu Glu Ser Asp Gln Pro Thr Gln Val Ser Lys Met
148 245 250 255
150 Gln Glu Asp Glu Phe Asp Gln Gly Asn Gln Glu Gln Glu Asp Asn Ser
151 260 265 270
153 Asn Ala Glu Met Glu Glu Asn Ala Ser Asn Val Asn Lys His Ile
154 275 280 285
156 Gln Glu Thr Glu Trp Gln Ser Gln Glu Gly Lys Thr Gly Leu Glu Ala
157 290 295 300
159 Ile Ser Asn His Lys Glu Thr Glu Glu Lys Thr Val Ser Glu Ala Leu
160 305 310 315 320
162 Leu Met Glu Pro Thr Asp Asp Gly Asn Thr Thr Pro Arg Asn His Gly
163 325 330 335
165 Val Asp Asp Asp Gly Asp Asp Gly Asp Asp Gly Thr Asp Gly
166 340 345 350
168 Pro Arg His Ser Ala Ser Asp Asp Tyr Phe Ile Pro Ser Gln Ala Phe
169 355 360 365
171 Leu Glu Ala Glu Arg Ala Gln Ser Ile Ala Tyr His Leu Lys Ile Glu
172 370 375 380
174 Glu Gln Arg Glu Lys Val His Glu Asn Glu Asn Ile Gly Thr Thr Glu
175 385 390 395 400
177 Pro Gly Glu His Gln Glu Ala Lys Lys Ala Glu Asn Ser Ser Asn Glu
178 405 410 415
180 Glu Glu Thr Ser Ser Glu Gly Asn Met Arg Val His Ala Val Asp Ser
181 420 425 430
183 Cys Met Ser Phe Gln Cys Lys Arg Gly His Ile Cys Lys Ala Asp Gln
184 435 440 445
186 Gln Gly Lys Pro His Cys Val Cys Gln Asp Pro Val Thr Cys Pro Pro
187 450 455 460
189 Thr Lys Pro Leu Asp Gln Val Cys Gly Thr Asp Asn Gln Thr Tyr Ala

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192 Ser Ser Cys His Leu Phe Ala Thr Lys Cys Arg Leu Glu Gly Thr Lys
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195 Lys Gly His Gln Leu Gln Leu Asp Tyr Phe Gly Ala Cys Lys Ser Ile
196           500          505          510
198 Pro Thr Cys Thr Asp Phe Glu Val Ile Gln Phe Pro Leu Arg Met Arg
199           515          520          525
201 Asp Trp Leu Lys Asn Ile Leu Met Gln Leu Tyr Glu Ala Asn Ser Glu
202           530          535          540
204 His Ala Gly Tyr Leu Asn Glu Lys Gln Arg Asn Lys Val Lys Lys Ile
205 545           550          555          560
207 Tyr Leu Asp Glu Lys Arg Leu Leu Ala Gly Asp His Pro Ile Asp Leu
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210 Leu Leu Arg Asp Phe Lys Lys Asn Tyr His Met Tyr Val Tyr Pro Val
211           580          585          590
213 His Trp Gln Phe Ser Glu Leu Asp Gln His Pro Met Asp Arg Val Leu
214           595          600          605
216 Thr His Ser Glu Leu Ala Pro Leu Arg Ala Ser Leu Val Pro Met Glu
217           610          615          620
219 His Cys Ile Thr Arg Phe Phe Glu Glu Cys Asp Pro Asn Lys Asp Lys
220 625           630          635          640
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233 <213> ORGANISM: human
235 <220> FEATURE:
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246 ggaagtatac ccaggagcaa gcccggaagg agttcagca agtgttcatt cctgagtgca 360
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253 ccctggagga agccaaagcag cccaagaacg acaatgtgtt gatccctgag tgtgcgcacg 780
254 gccggcctcta caagccagtg cagtgccacc cctccacggg gtactgctgg tgctgtcctgg 840
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Input Set : N:\SMITH\PTO.TS.txt
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 298 <220> FEATURE:
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VERIFICATION SUMMARY

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date